

# High School to College and Career Pathway: Post-Secondary

Area of Study: Health Science & Technology

Pathway: Biotechnology

Region: Bear River	District:	School:	College/Institution: Bridgerland Applied Technology College Articulation Agreement in place? Yes Name of Degree or Certificate: Certificate of Completion
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High School				College		
Course Number	High School Suggested Academic Courses	H.S. Credit	College Credits	Course Number	College General Education Requirements	College Credits
ENG 1010	*Intro to Writing		3	ENG 1010	Intro to Writing	90
MATH 1010	*Intermediate Algebra		3	MATH 1050	Intermediate Algebra	90
SPCH 1050	Public Speaking {C, L}					
BIO 1010	Biology and the Citizen					
CHEM 1010	*Intro to Chemistry					
	General Biology					
	General Chemistry					
	General Health					
	Medical Terminology {C}					

**Note:** This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note:** \*= concurrent ^= distant

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Course CIP #	CTE Pathway Courses (credits for completion)	H.S. Credit	College Credits	Course #	College Major Course Requirements	College Credits
<b>Course #</b>	<b>Introductory Courses: (preferred)</b>	<b>Credit</b>				
51.1105	Health Science, Introduction	.50				
	<b>Foundation Courses: (required)</b>					
51.1099	Biotechnology	1.00				
	<b>Elective Courses:</b>					
51.1315	Medical Anatomy & Physiology	1.00				
51.1315	Medical Terminology	.50				
51.1316	Health Science, Advanced (capstone course)	1.00				
32.0199	Student Internship (Critical Workplace Skills)	.50				
					Intro to Health Science	
					Medical Terminology	
					DNA Science	
					Using DNA to Solve Crimes	
					Isolate and Manipulate DNA	
					Create Recombinant DNA	
					Genetics	
					Prepare Solutions and Sterile Media	
					Isolate and Purify Proteins	
					Perform CPR	
					Electrophoresis	
<b>TOTAL Potential Credits Earned in High School</b>			<b>6</b>	<b>TOTAL Credits Required for Degree or Certificate</b>		<b>180</b>

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